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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,539	06/27/2003	Dan Flynn	59643 00264	6130
32294 7590 09/21/2007 SQUIRE, SANDERS & DEMPSEY L.L.P. 14TH FLOOR 8000 TOWERS CRESCENT TYSONS CORNER, VA 22182			EXAMINER TIEU, BINH KIEN	
			ART UNIT 2614	PAPER NUMBER
			MAIL DATE 09/21/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/607,539	<b>Applicant(s)</b> FLYNN ET AL.	
	<b>Examiner</b> /BINH K. TIEU/	<b>Art Unit</b> 2614	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 27 June 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/22/05&amp;6/27/03</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Chaskar et al. (Pub. No.: US 2004/0224702).

**Regarding claim 1**, Chaskar et al. (“Chaskar”) teaches a method for providing information associated with a location of a target user in a location service arrangement comprising a plurality of location service entities, the method comprising the steps of:

sending a request for information associated with a location of a target user from a first location service entity to a second location service entity;

informing the second location service entity of a role performed by the second location service entity when processing the request; and

processing the request at the second location service entity (see paragraphs [0049] and [0051]).

Regarding claims 2-3, note the LS communicating with PDE in the home network or PDE in the visiting network depending on current location of a mobile terminal as a role in the request and selecting of the role in paragraph [0049].

Regarding claims 4-5, also note the paragraph [0051].

Regarding claim 6, note the mapping processor as a third location service entity in paragraph [0051].

Regarding claim 7, note paragraphs [0028] and [0047]-[0048].

Regarding claims 8-9, note paragraph [0049].

**Regarding claim 10**, Chaskar teaches location service entity for a location information service arrangement comprising a plurality of location service entities configured to process requests for location information, the location information entity being configured to request for information associated with a location of a target user from a further location service entity and to inform the further location service entity of a role the further location service entity performs when processing the request (see paragraphs [0049] and [0051]).

Regarding claims 11-12, note the LS communicating with PDE in the home network or PDE in the visiting network depending on current location of a mobile terminal as a role in the request and selecting of the role in paragraph [0049].

Regarding claims 13-14, also note the paragraph [0051].

Regarding claim 15, note paragraph [0049].

Regarding claims 16-22, the limitations of the claims are rejected with same reasons set forth in the rejections of claims 1-15 above.

3. Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Wang et al. (Pub. No.: US 2004/0242238).

**Regarding claim 1**, Wang et al. (“Wang”) teaches a method for providing information associated with a location of a target user in a location service arrangement comprising a plurality of location service entities, the method comprising the steps of:

    sending a request for information associated with a location of a target user from a first location service entity to a second location service entity;

    informing the second location service entity of a role performed by the second location service entity when processing the request; and

    processing the request at the second location service entity (see paragraphs [0107]-[109] and [0129]).

Regarding claims 2-3, note NAI as the role in the message in paragraph [0107].

Regarding claims 4 and 6-9, also note paragraphs [0107] and [0129].

Regarding claim 5, note Wang further teaches limitations of the claim in the Abstract, paragraphs [0056] and [0085].

**Regarding claim 10**, Wang teaches location service entity for a location information service arrangement comprising a plurality of location service entities configured to process requests for location information, the location information entity being configured to request for information associated with a location of a target user from a further location service entity and to inform the further location service entity of a role the further location service entity performs when processing the request (see paragraphs [0107]-[109] and [0129]).

Regarding claims 11-12, note NAI as the role in the message in paragraph [0107].

Regarding claim 13, note Wang further teaches limitations of the claim in the Abstract, paragraphs [0056] and [0085].

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Regarding claims 14-15, also note paragraphs [0107] and [0129].

Regarding claims 16-22, the limitations of the claims are rejected with same reasons set forth in the rejections of claims 1-15 above.

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Naghian et al. (Pub. No.: US 2003/0148774) teaches location of a mobile station is provided and indicated in a telecommunication system.

Dufva et al. (Pub. No.: US 2004/0087315) teaches location services interworking with intelligent network.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh K. Tieu whose telephone number is (571) 272-7510 and E-mail address: [BINH.TIEU@USPTO.GOV](mailto:BINH.TIEU@USPTO.GOV).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz, can be reached on (571) 272-7499 and **IF PAPER HAS BEEN MISSED FROM THIS OFFICIAL ACTION PACKAGE, PLEASE CALL CUSTOMER SERVICE FOR THE SUBSTITUTIONS OR COPIES.**

Any response to this action should be mailed to:

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**/BINH K. TIEU/**  
Primary Examiner  
Technology Division 2614

Date: September 2007